

Fig.1A



Fig.1B

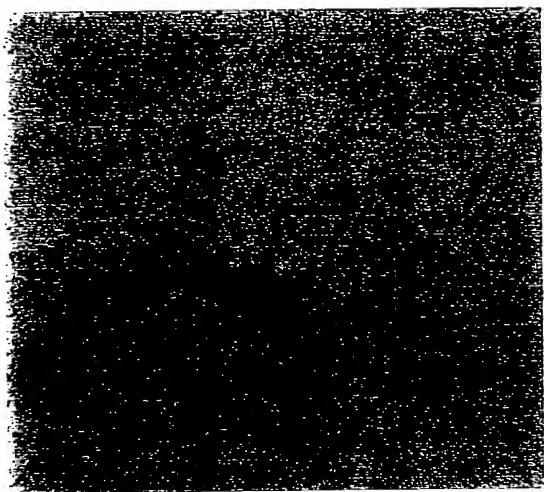


Fig.1C

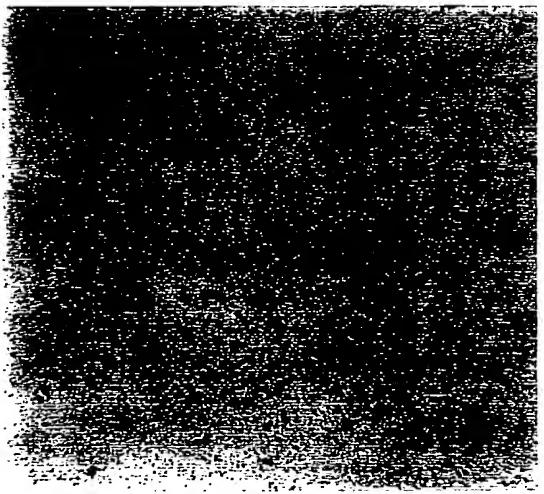


Fig.2A



Fig.2B



Fig.3A

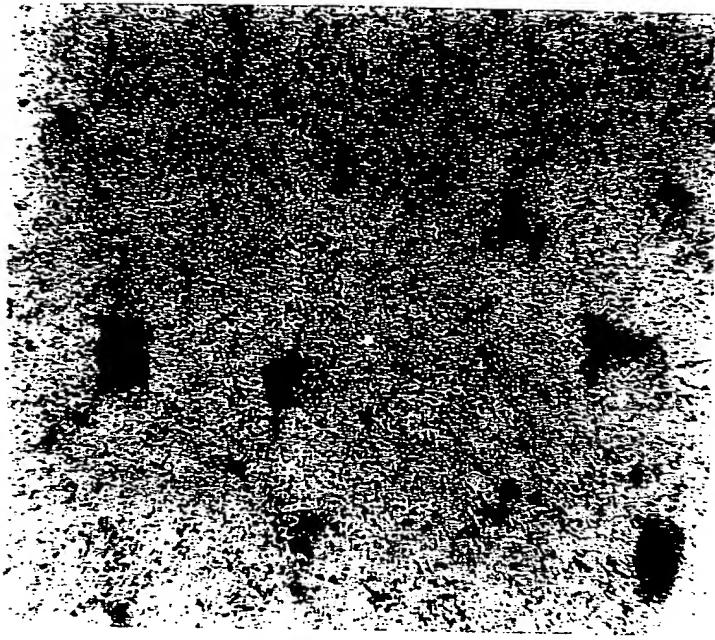


Fig.3B



Fig. 4

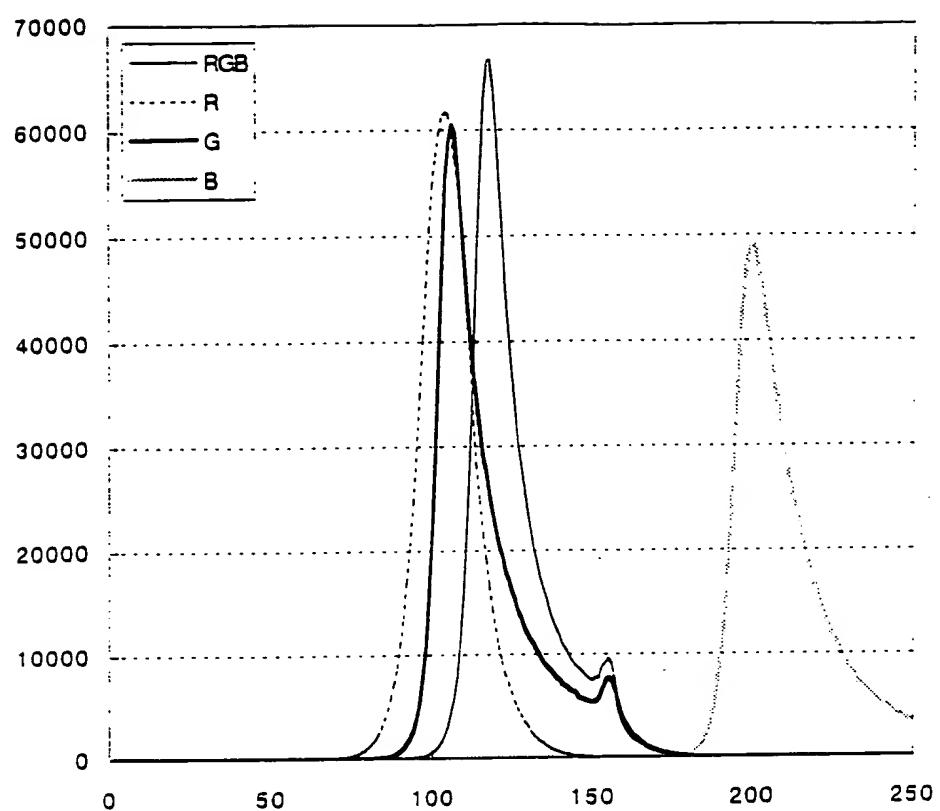


Fig.5A

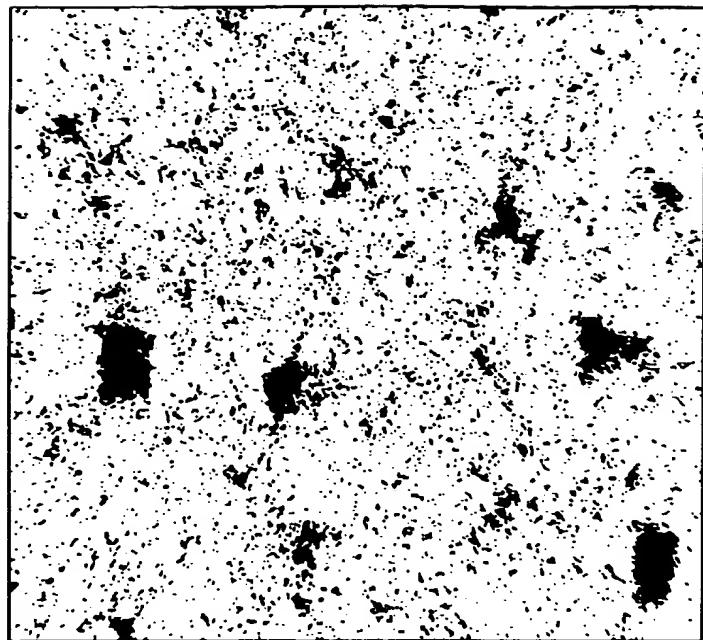


Fig.5B

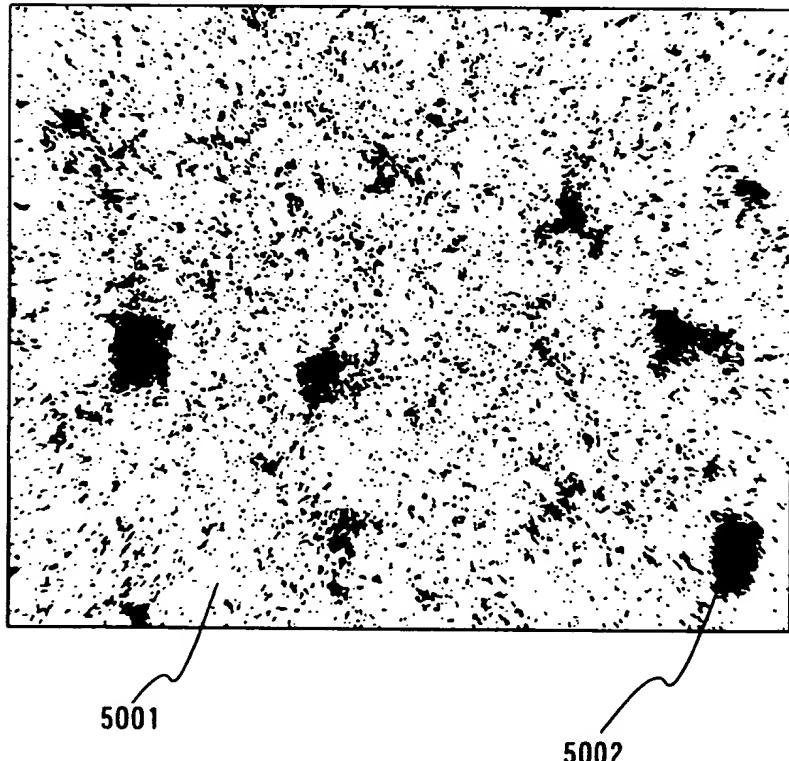


Fig. 6A
Ratio of Total Area of Amorphous Region (%)

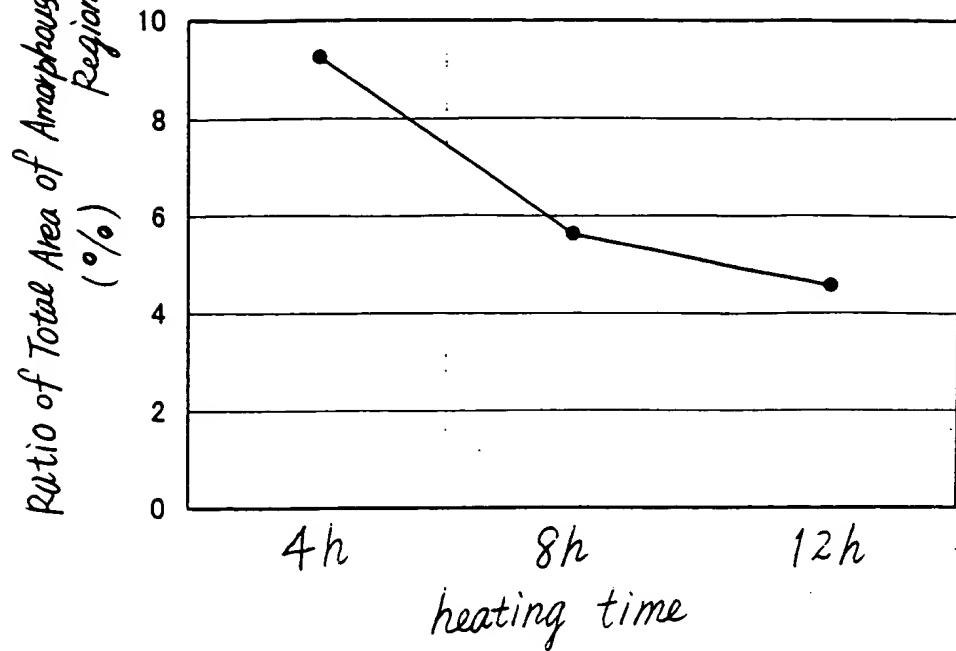


Fig. 6B

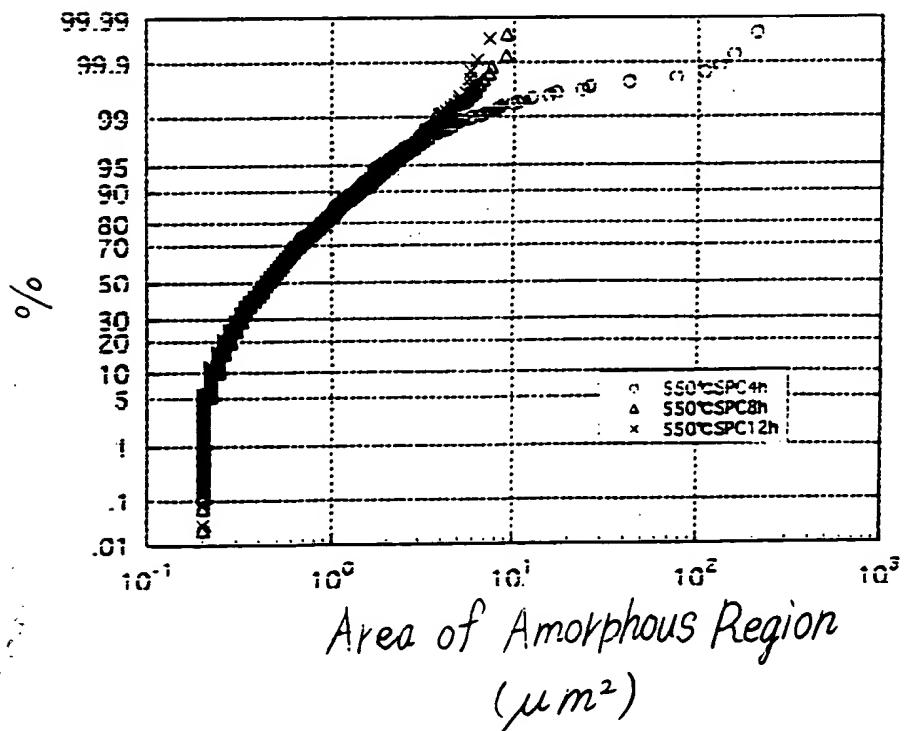


Fig. 7A

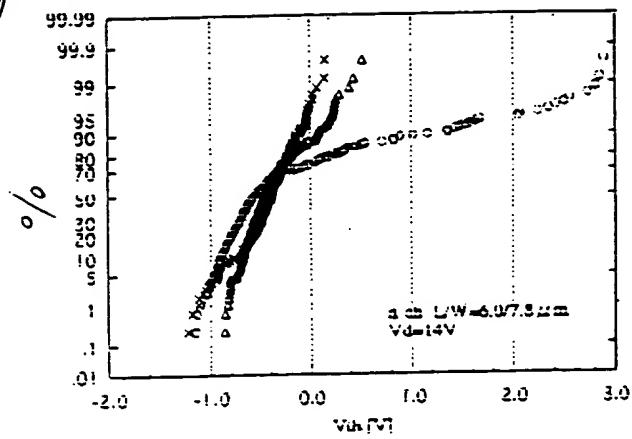


Fig. 7B

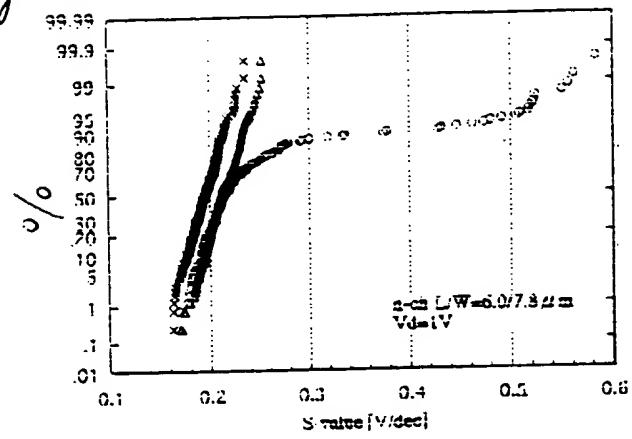


Fig. 7C

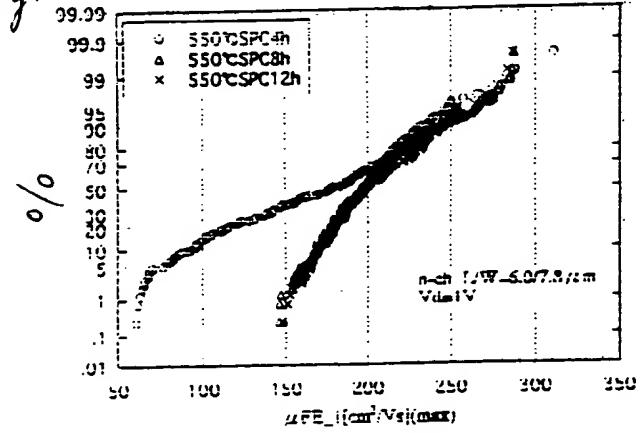


Fig.8A

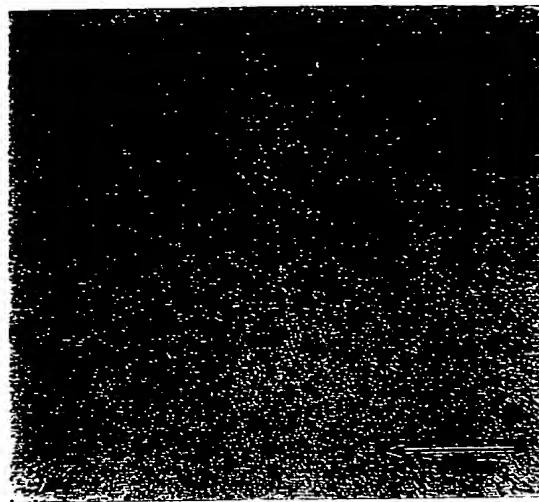


Fig.8B

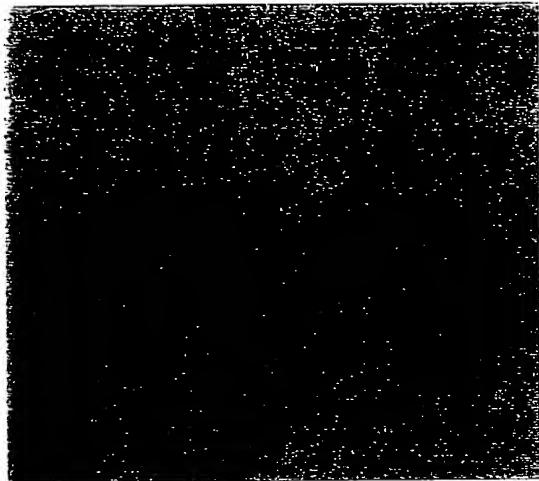


Fig.8C



Fig. 9A
Ratio of Total Area of Amorphous Region (%)

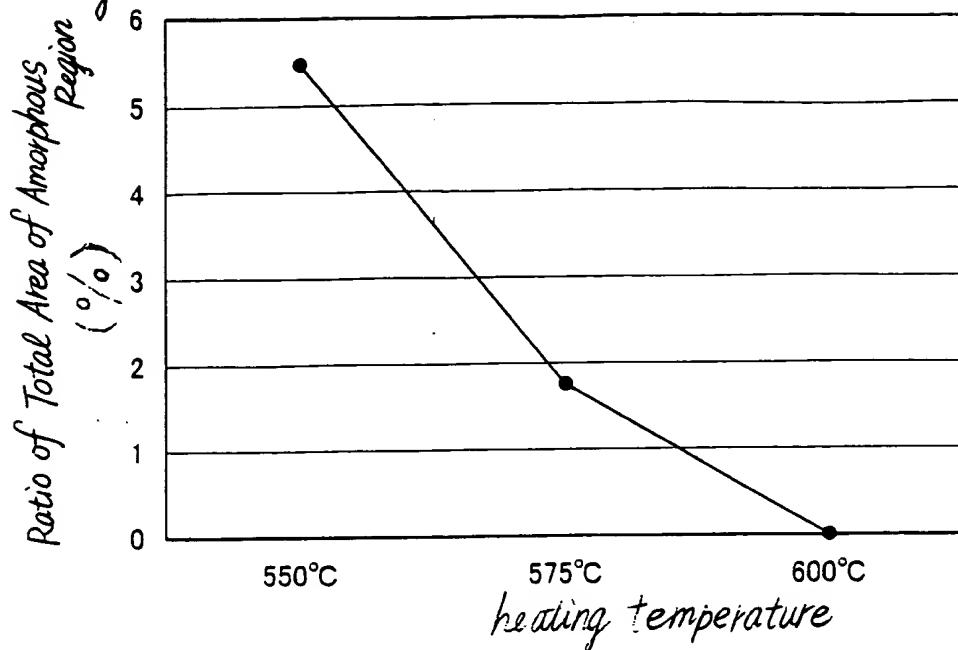


Fig. 9B

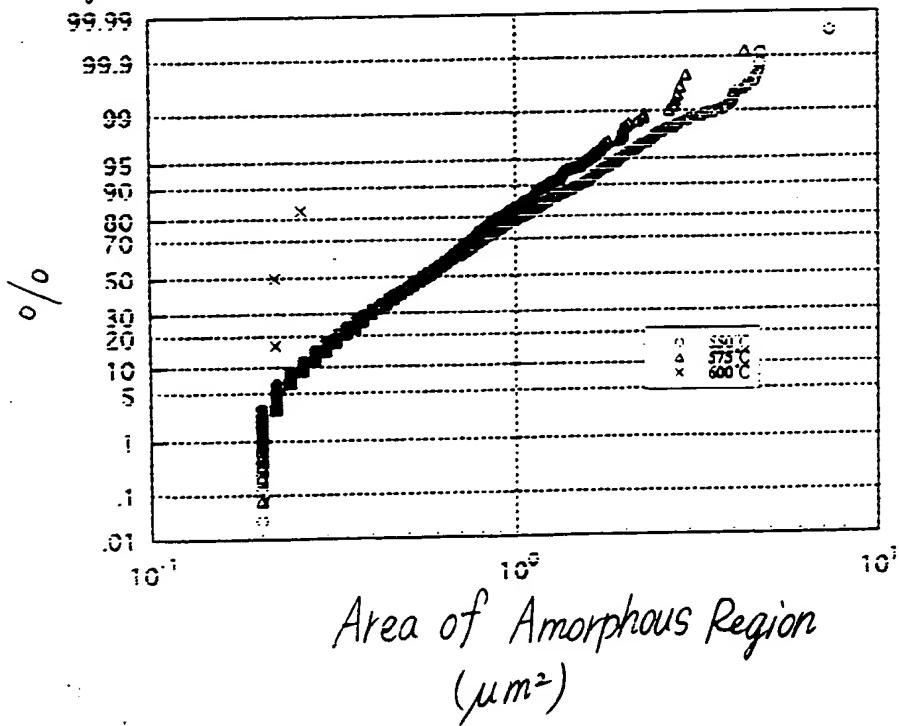


Fig.10A

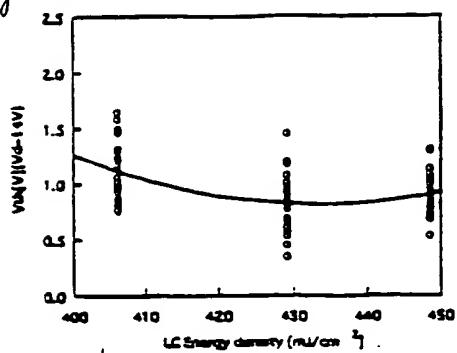


Fig.10E

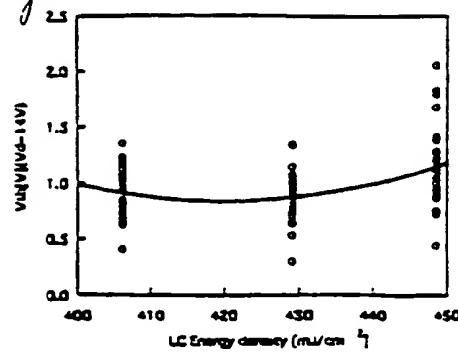


Fig.10B

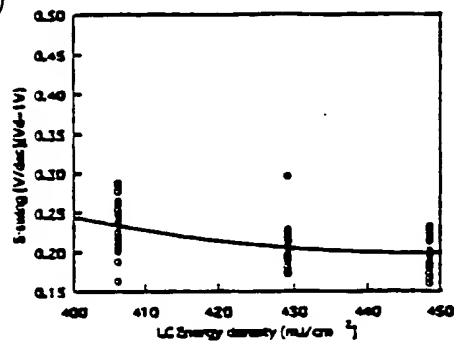


Fig.10F

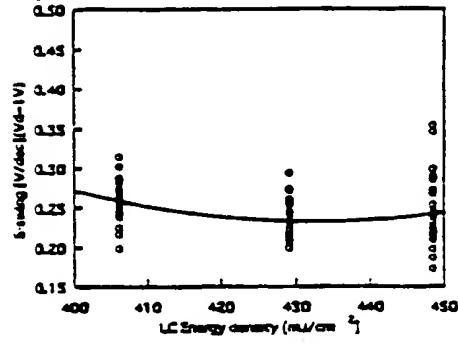


Fig.10C

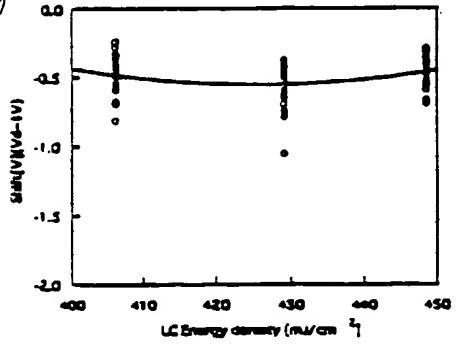


Fig.10G

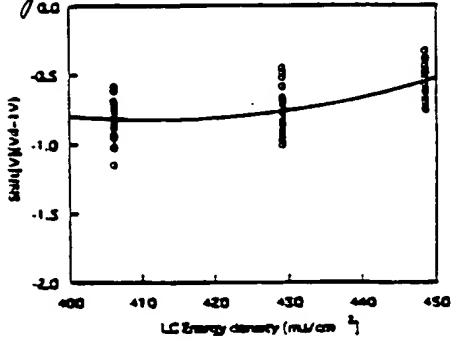


Fig.10D

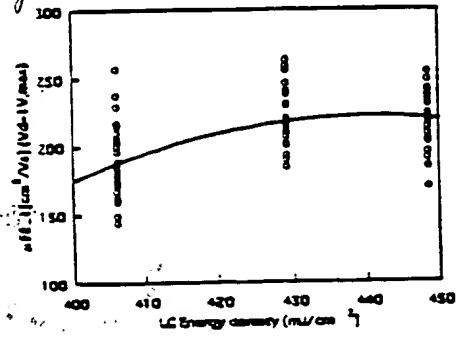
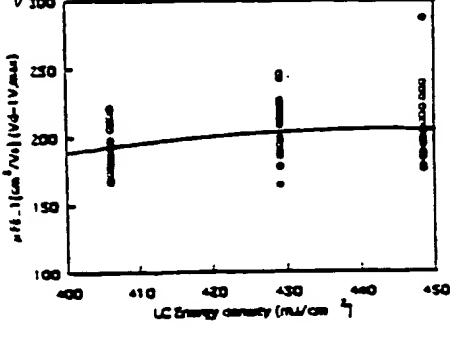


Fig.10H



102020 = 20000000

Fig. 11A

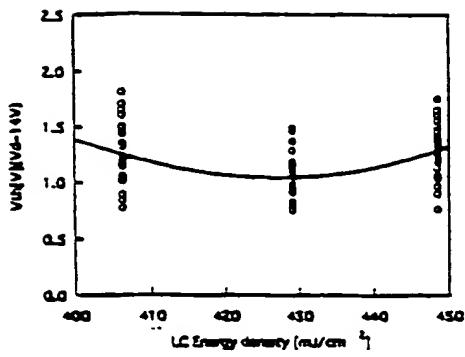


Fig. 11B

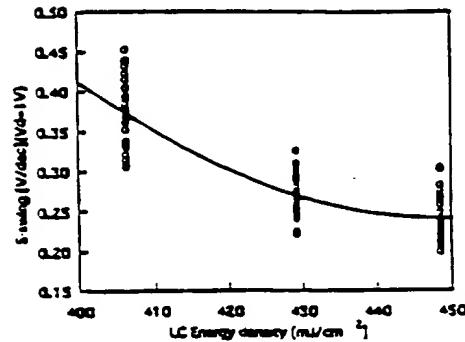


Fig. 11C

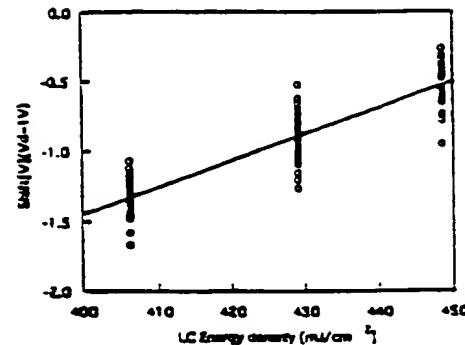


Fig. 11D

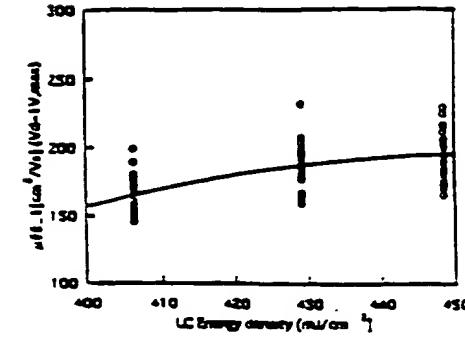


Fig. 12

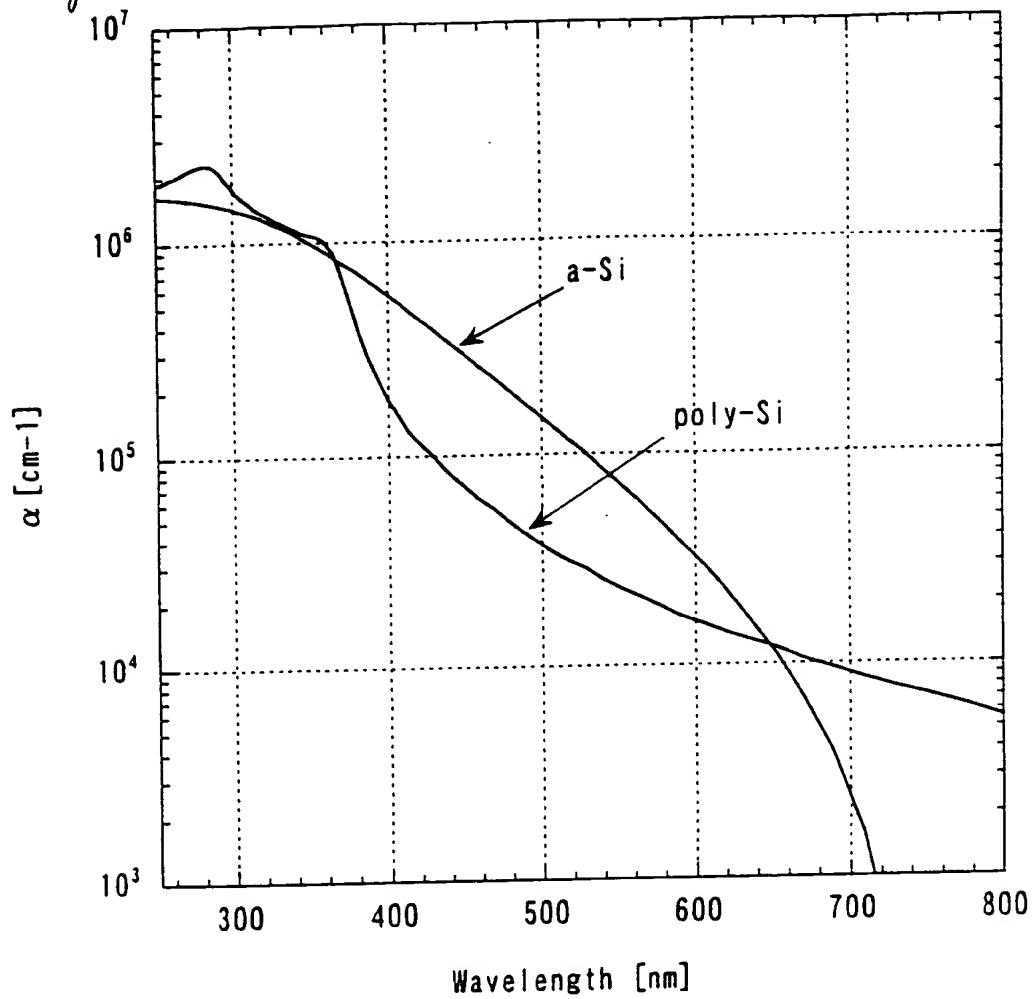


Fig.13

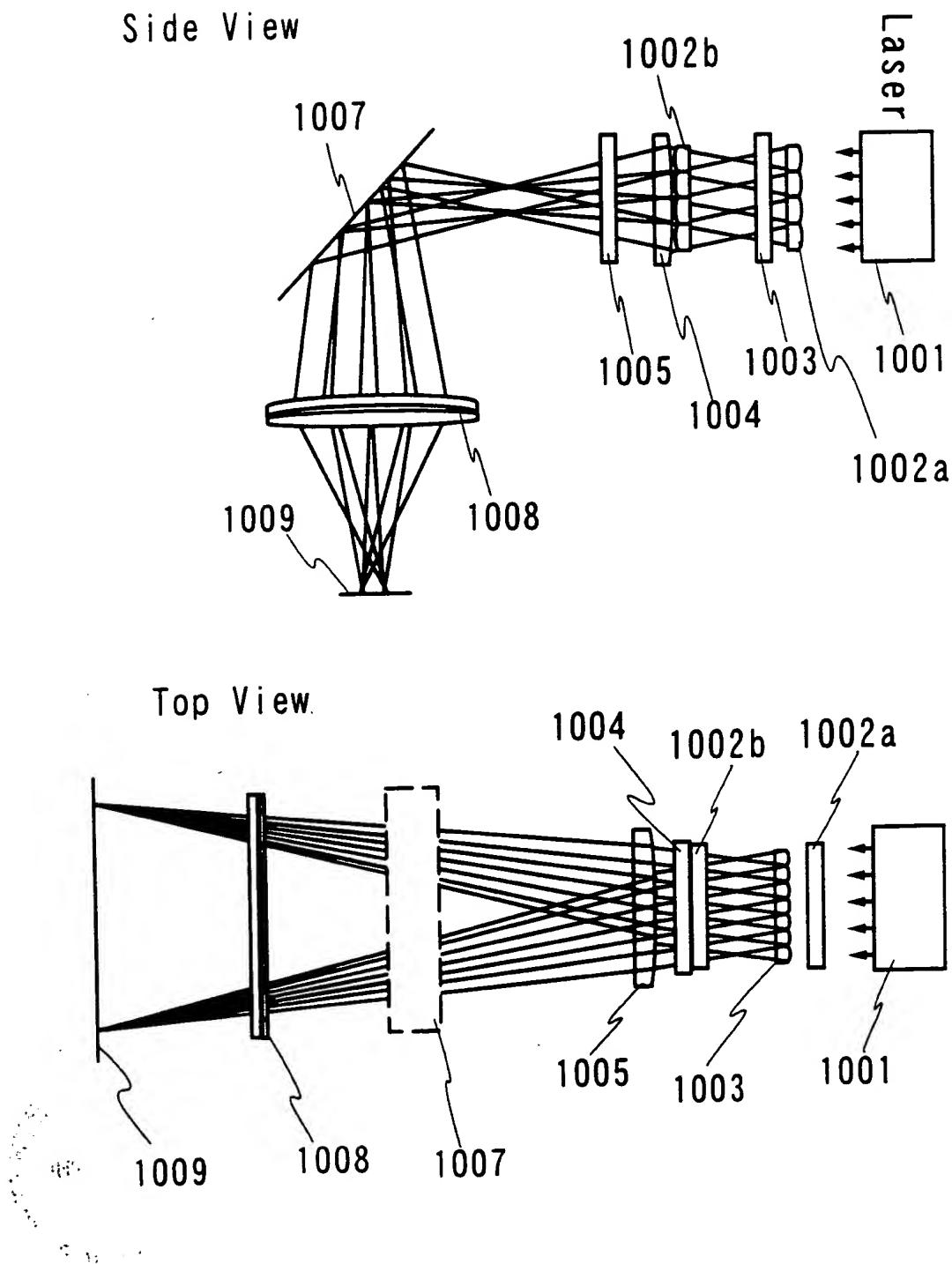
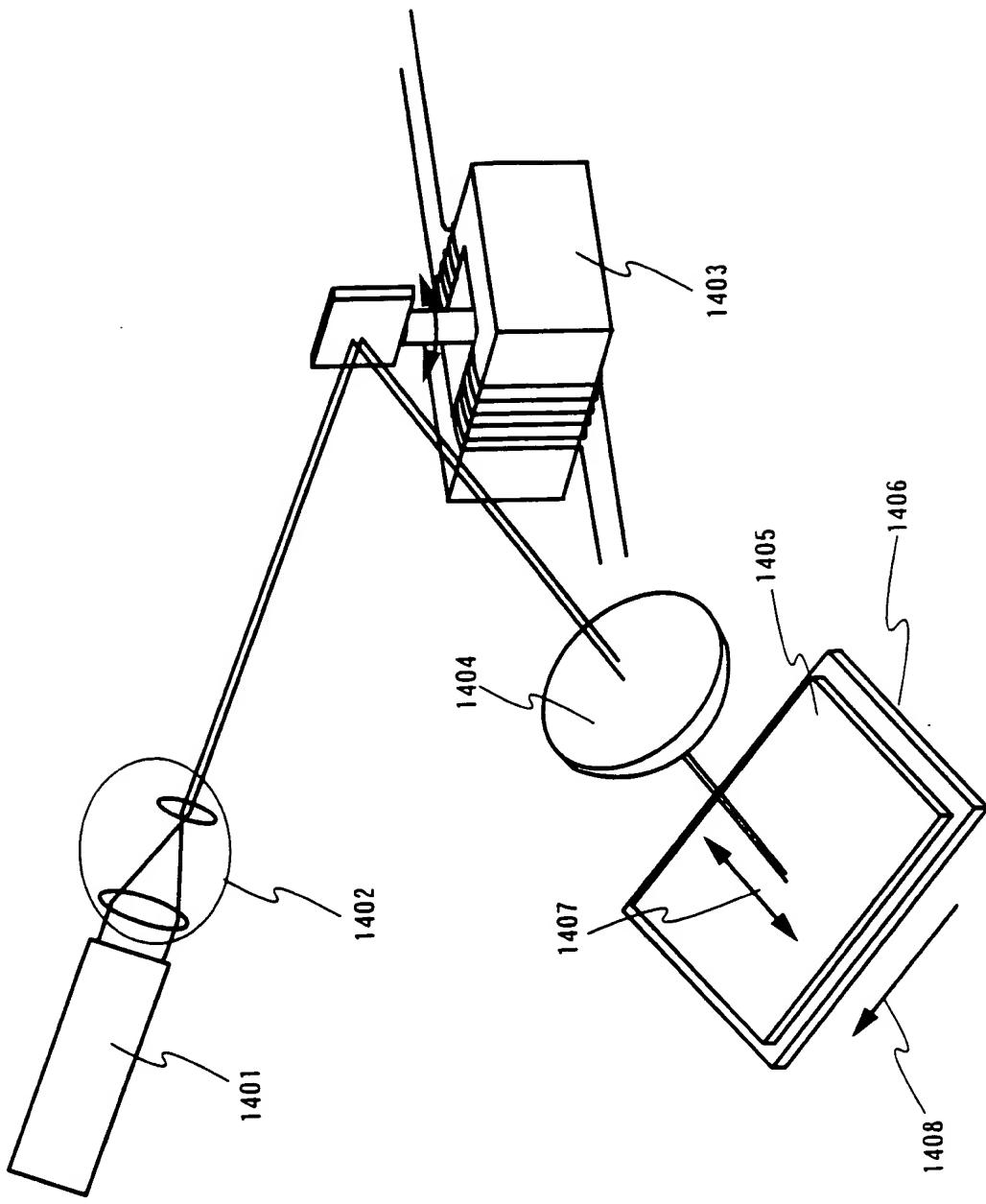
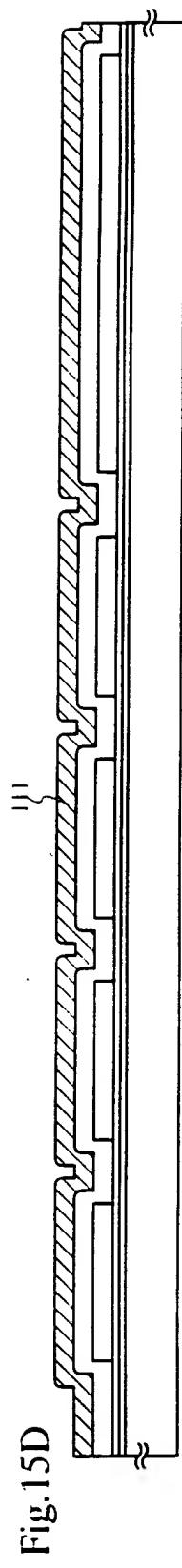
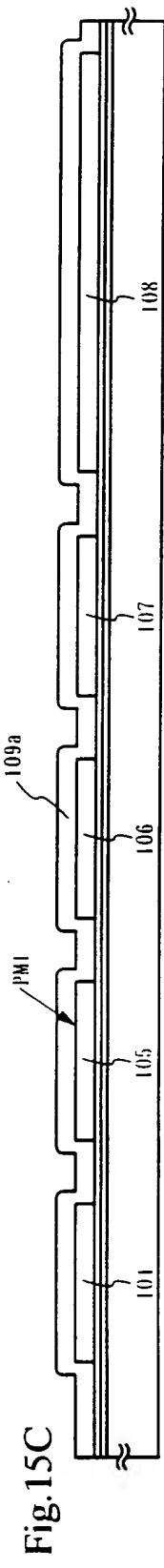
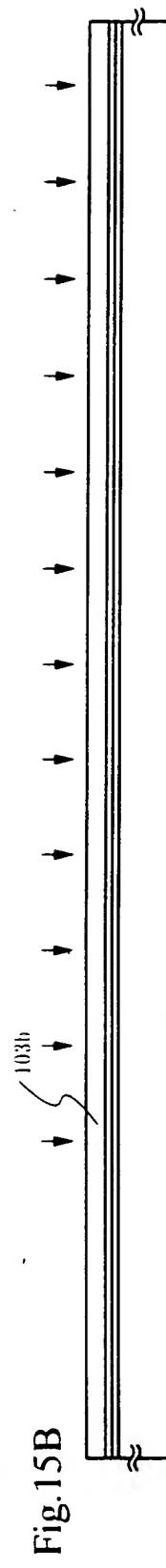
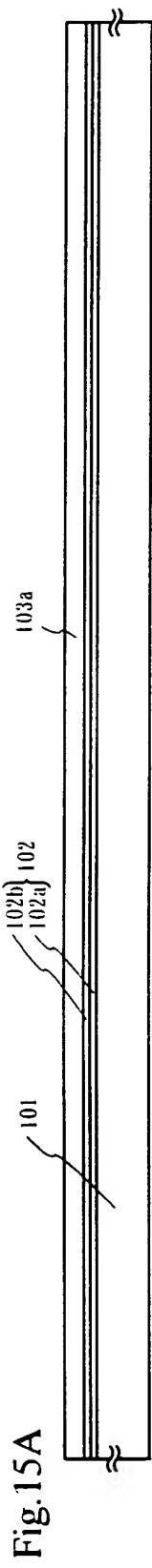


Fig. 14





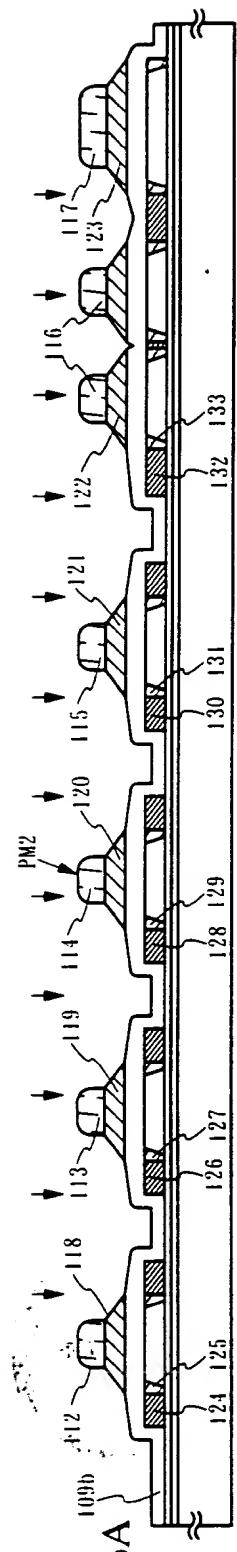


Fig. 16A

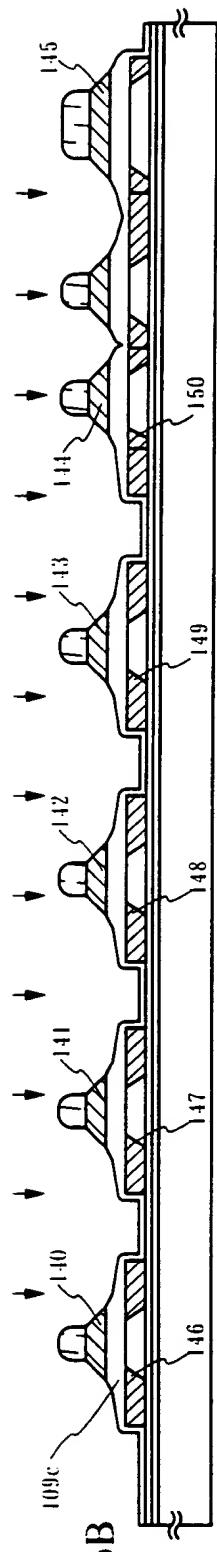


Fig. 16B

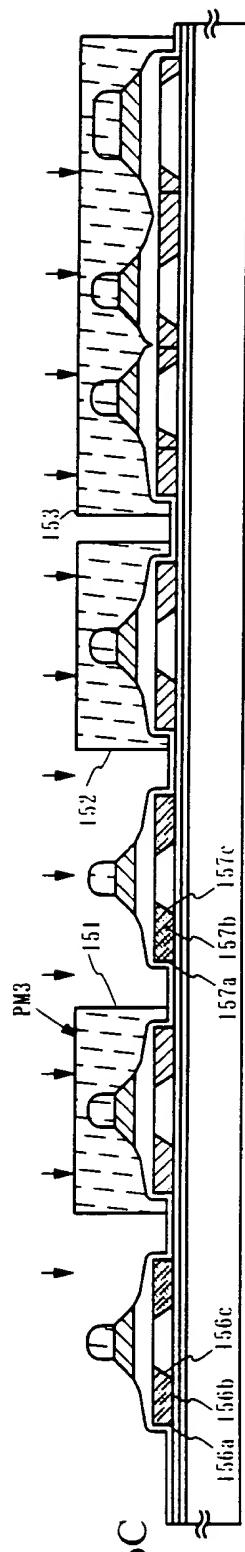


Fig. 16C

Fig. 17A

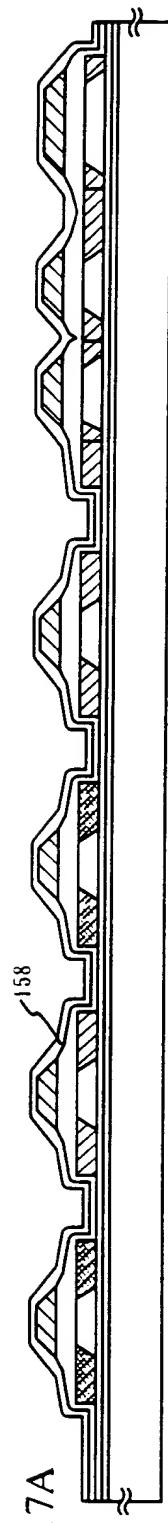
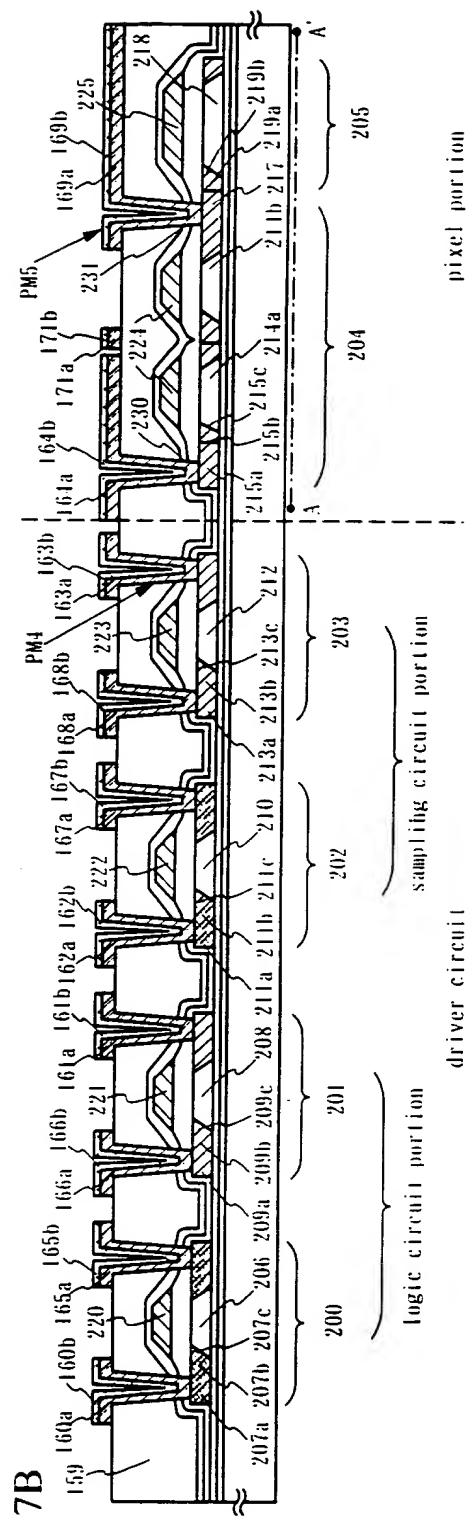
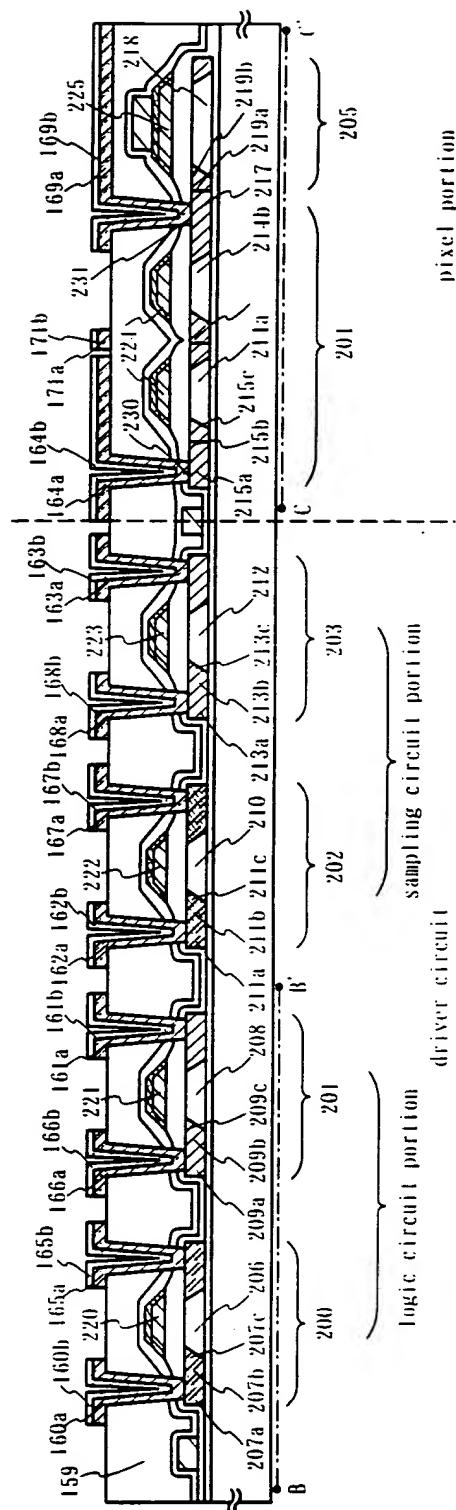
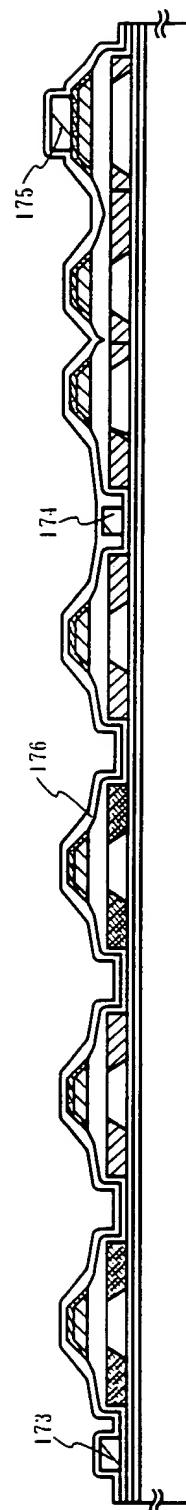
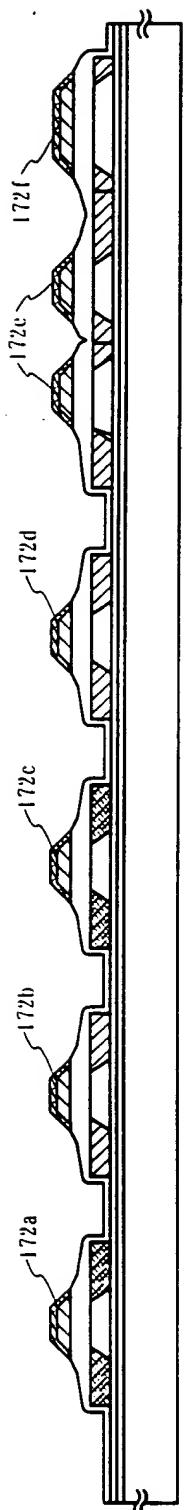


Fig. 17B





logic circuit portion sampling circuit portion driver circuit pixel portion

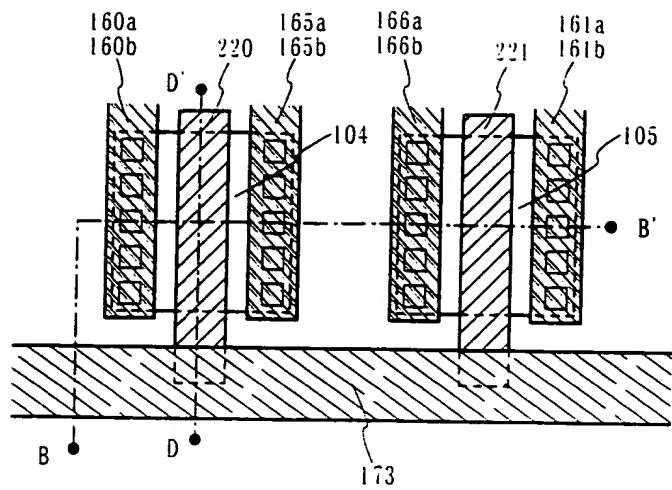


Fig. 19A

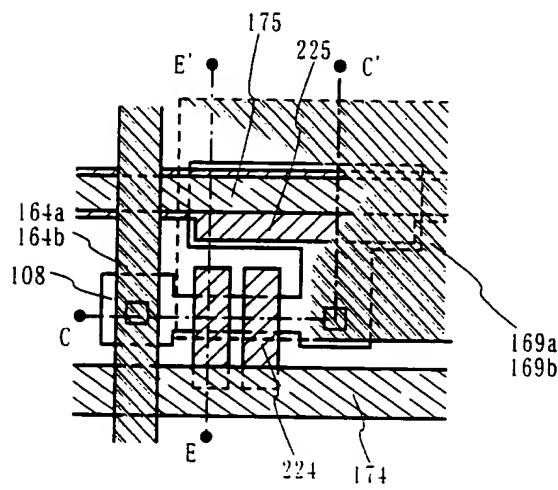


Fig. 19B

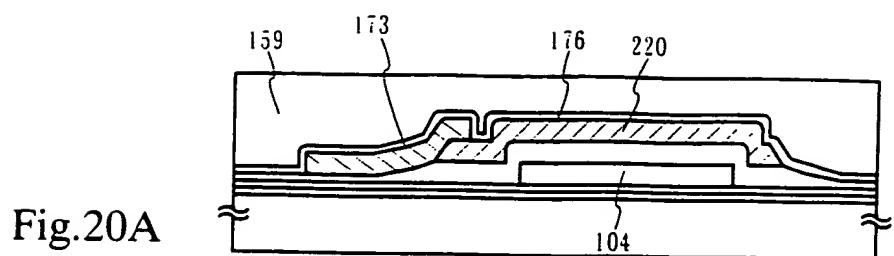


Fig.20A

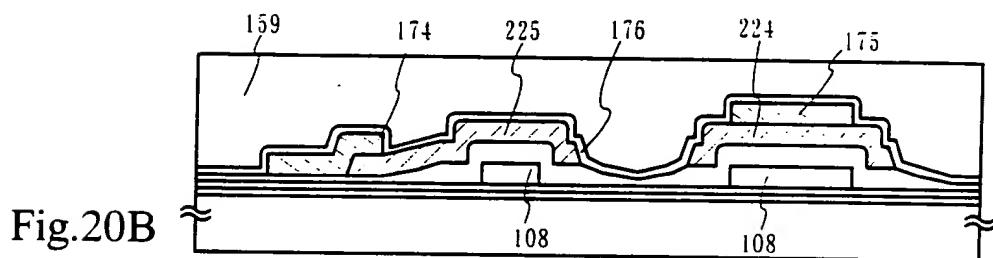


Fig.20B

702040-22900860

Fig.21A

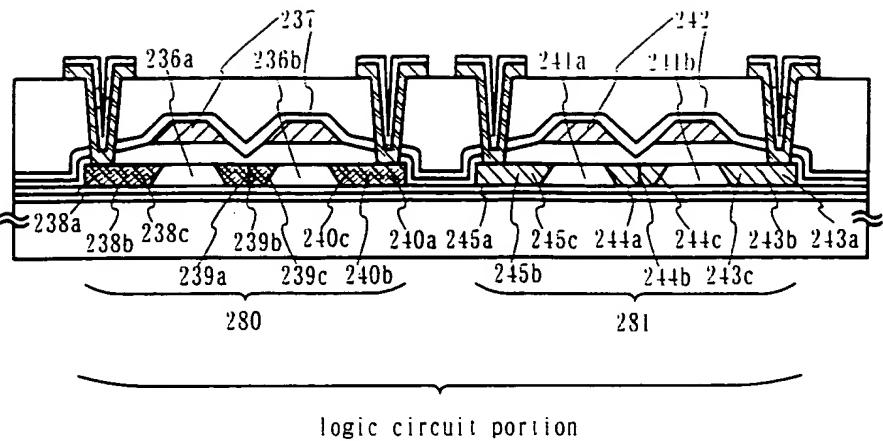
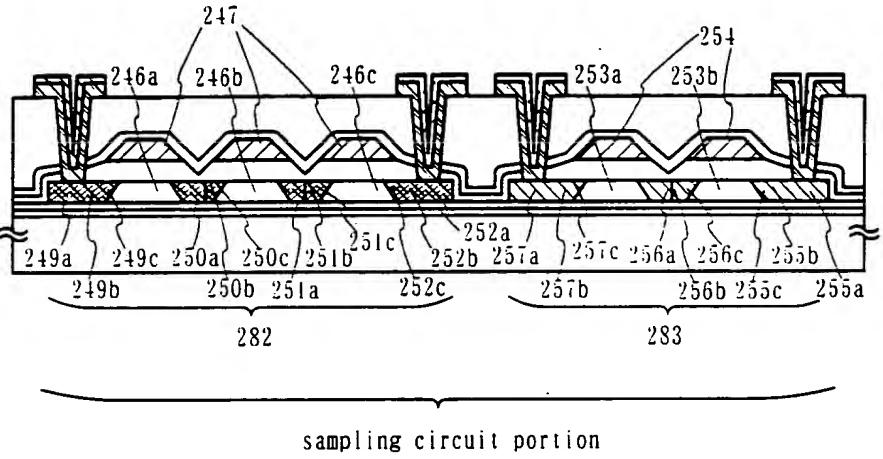


Fig.21B



102020-22000860

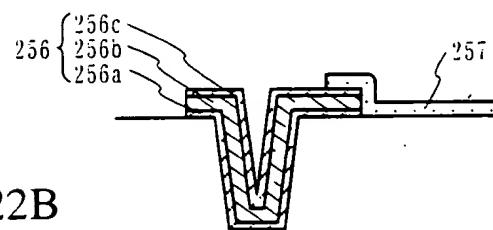
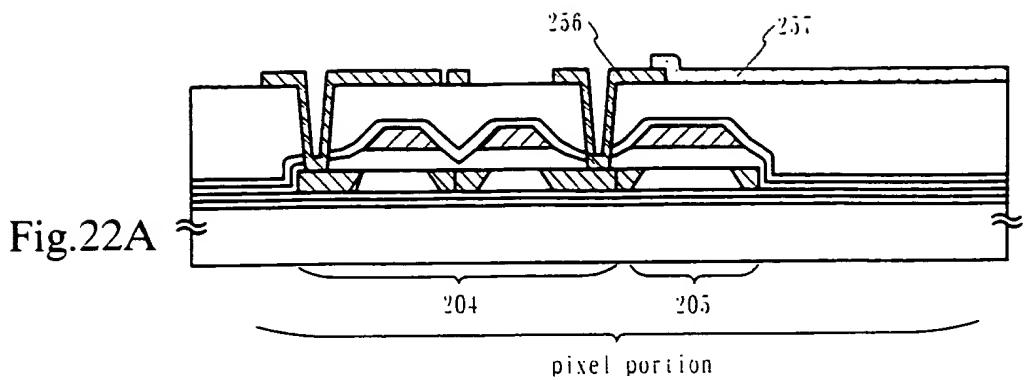


Fig.22B

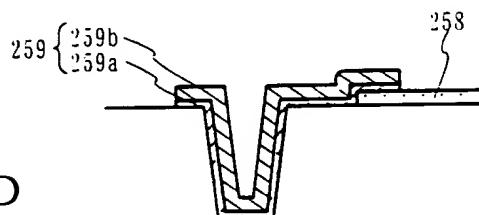
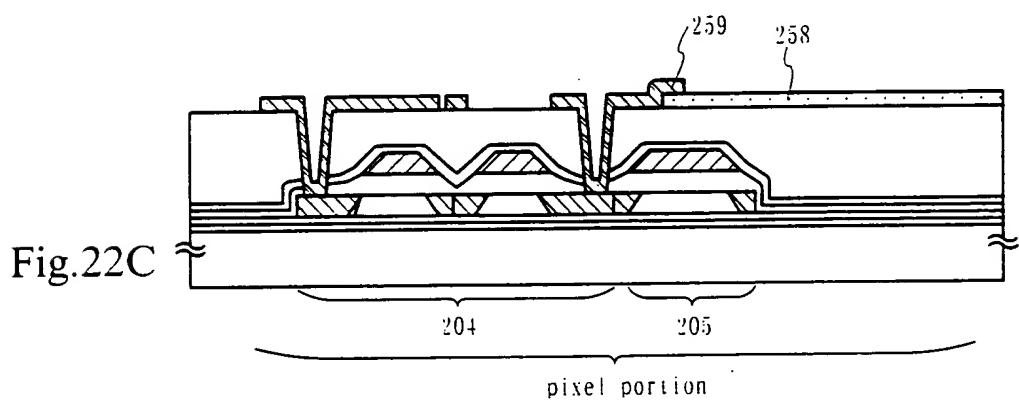


Fig.22D

Fig.23

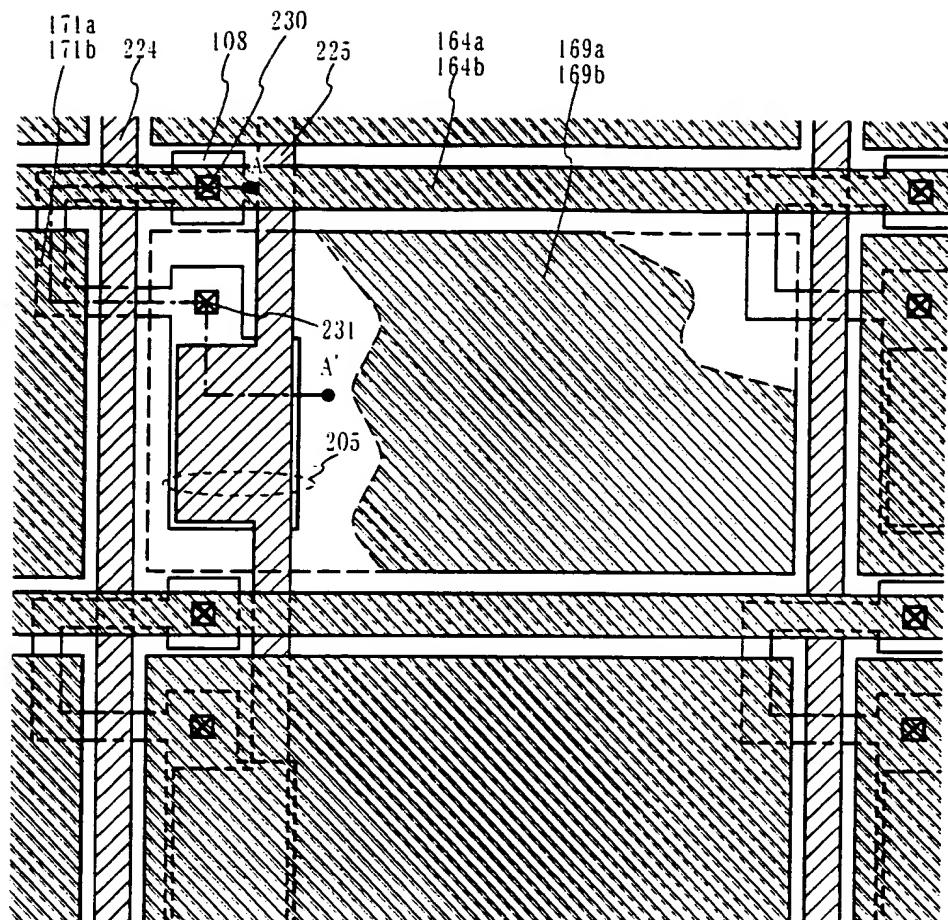


Fig.24A

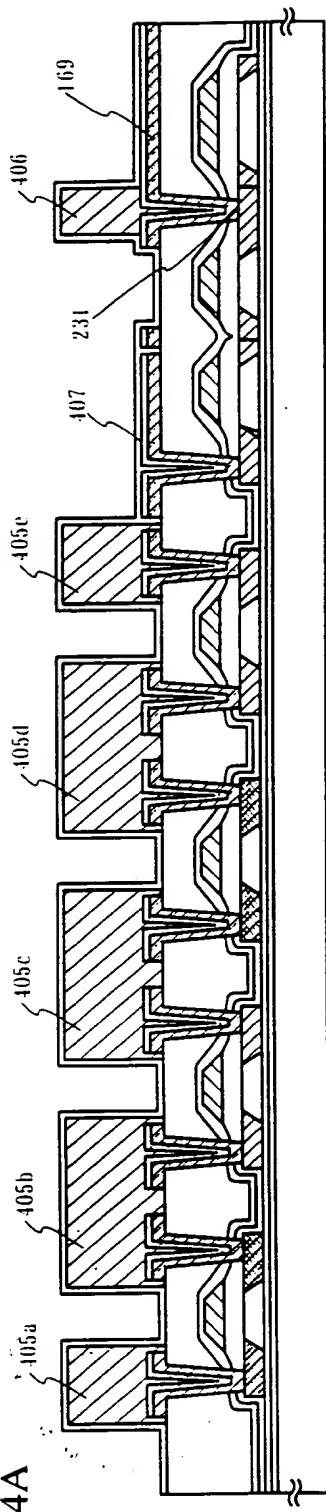
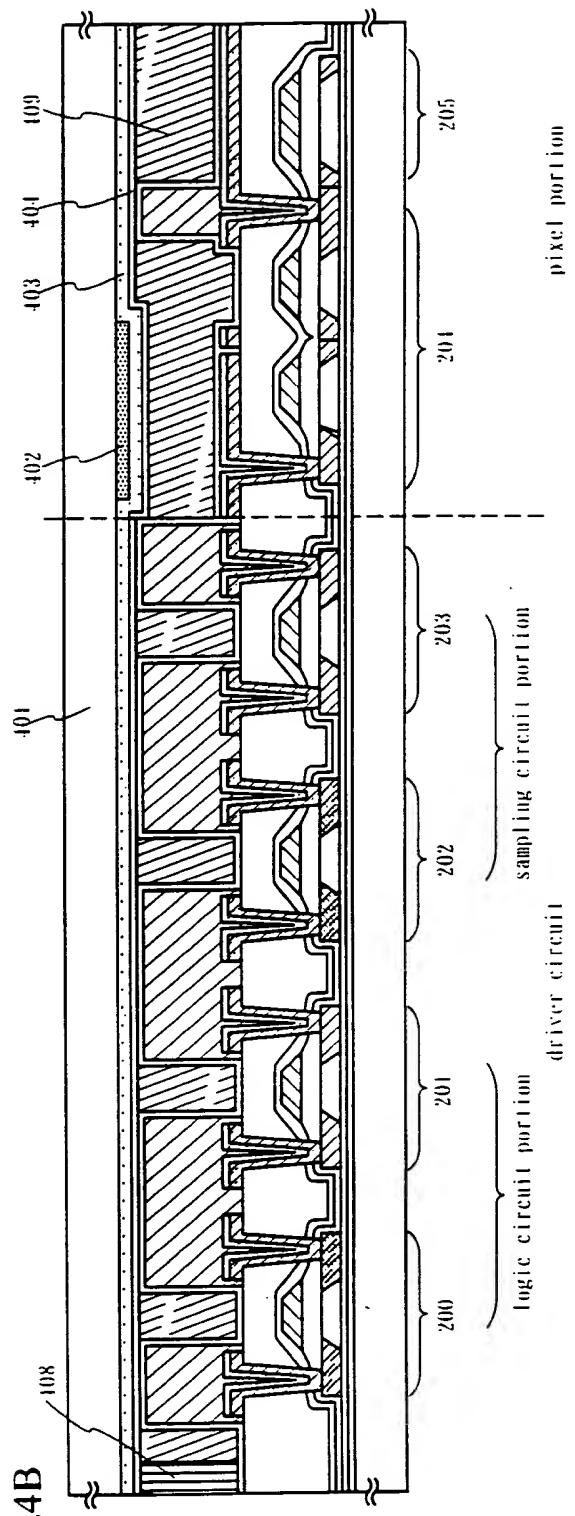


Fig.24B



pixel portion

sampling circuit portion

driver circuit

logic circuit portion

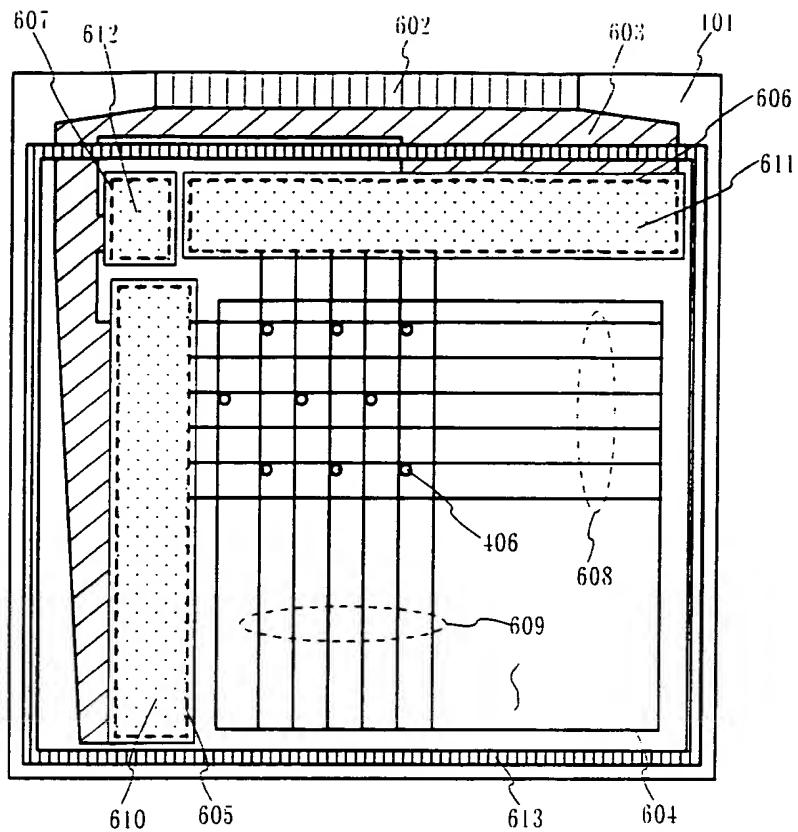


Fig.25

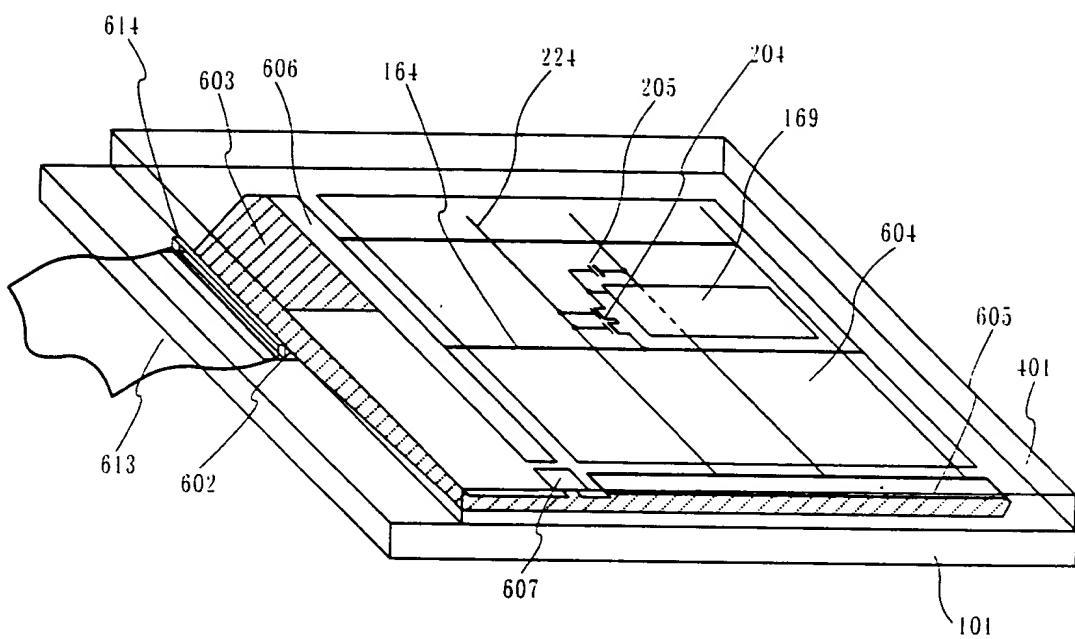


Fig.26

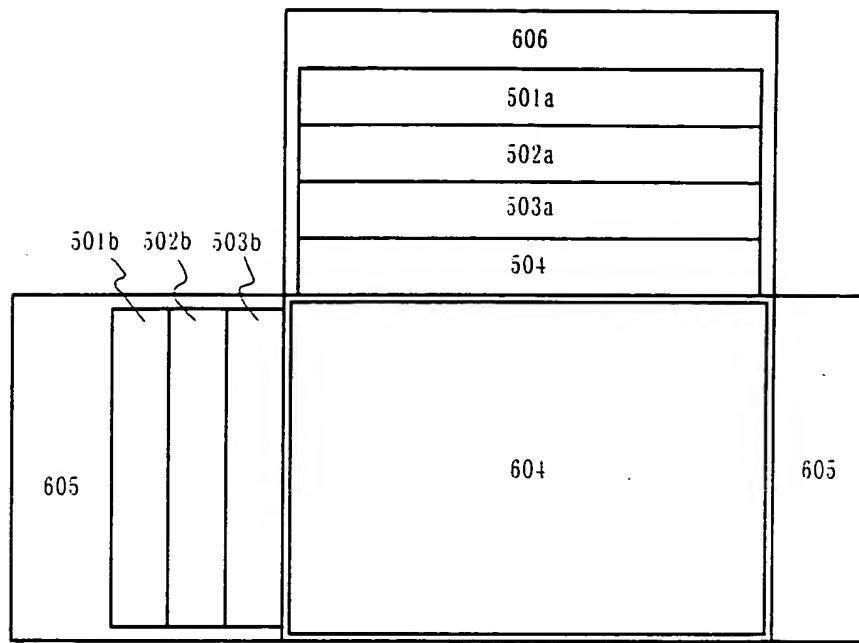


Fig.27

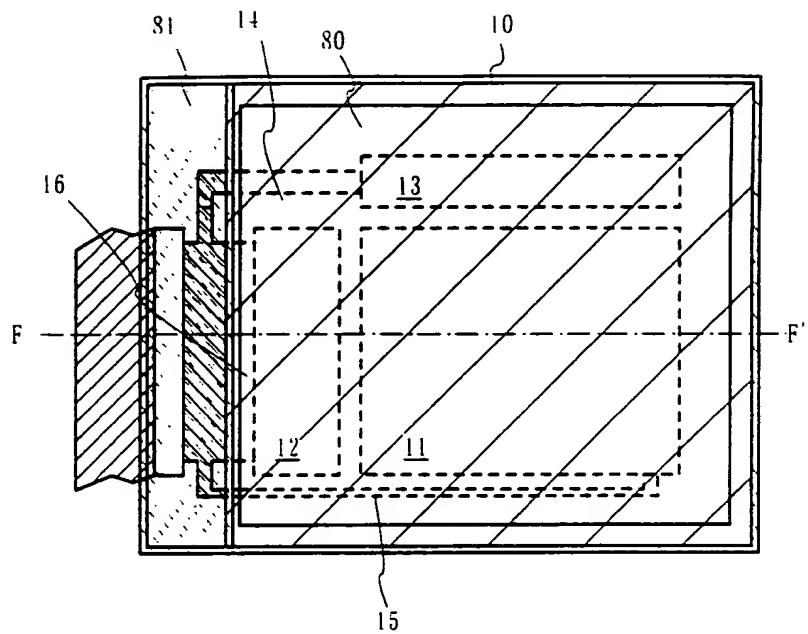


Fig.28A

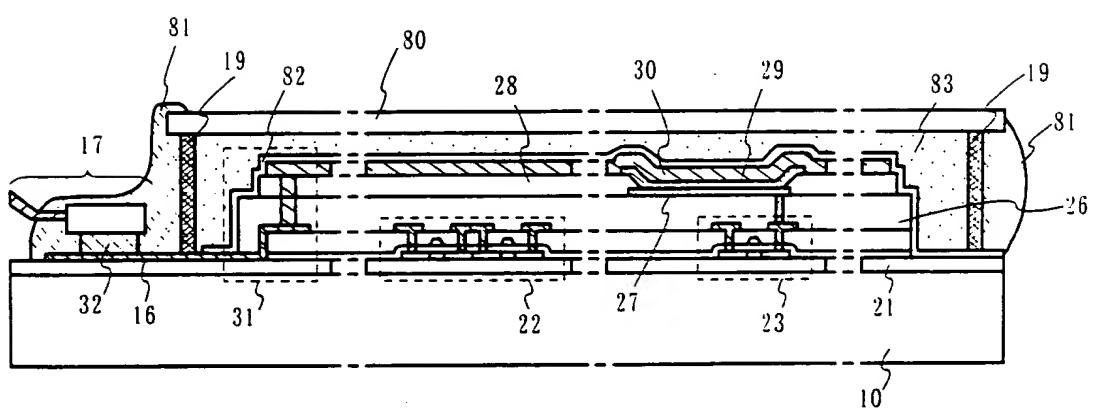


Fig.28B

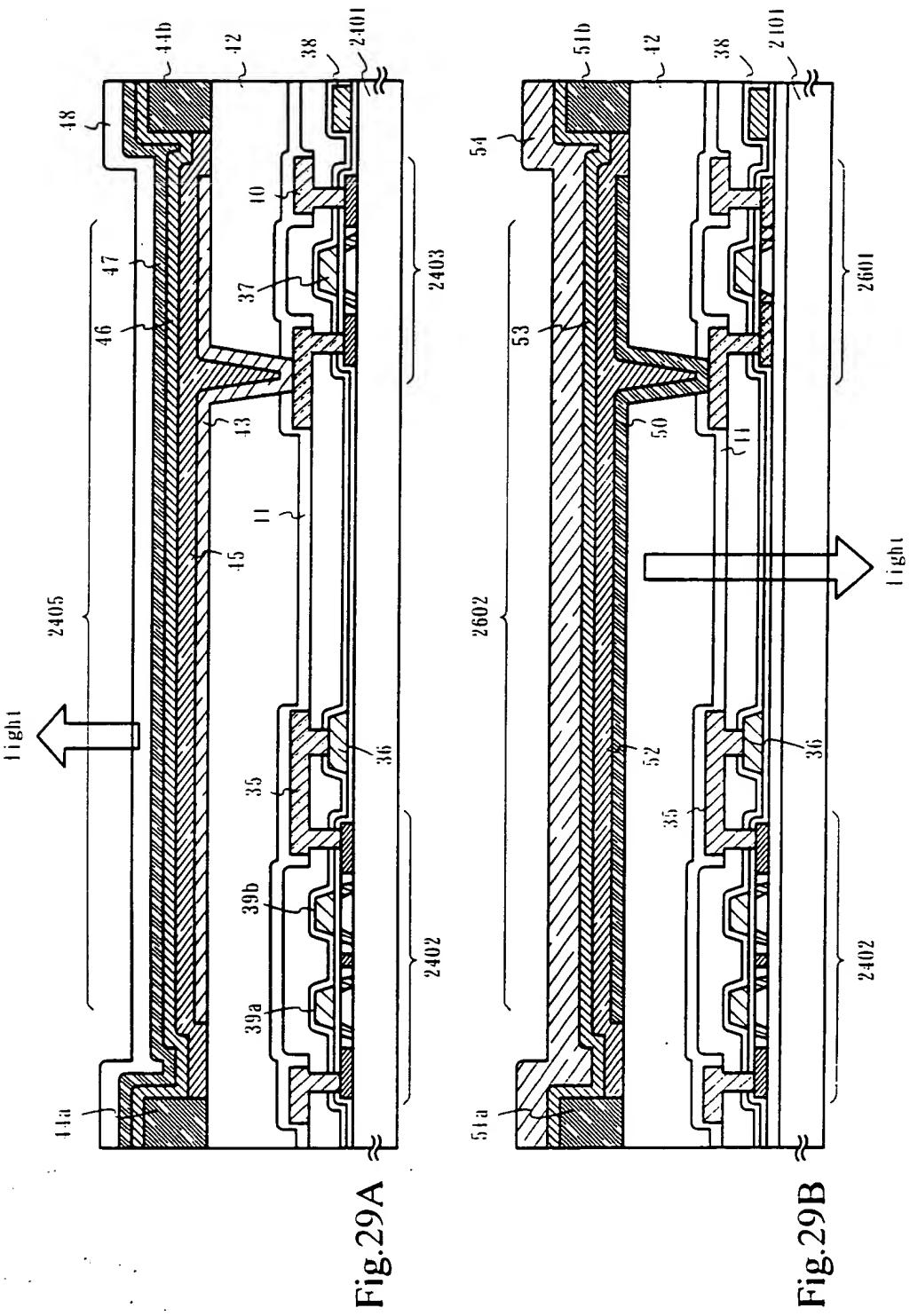


Fig.30A

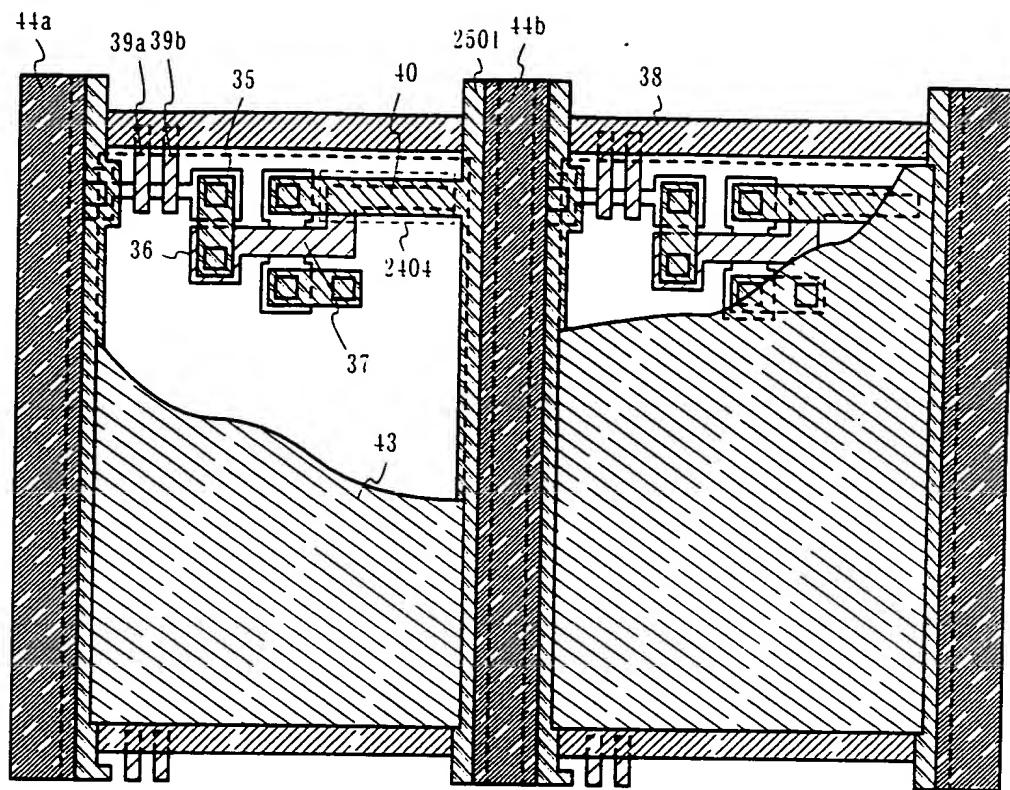
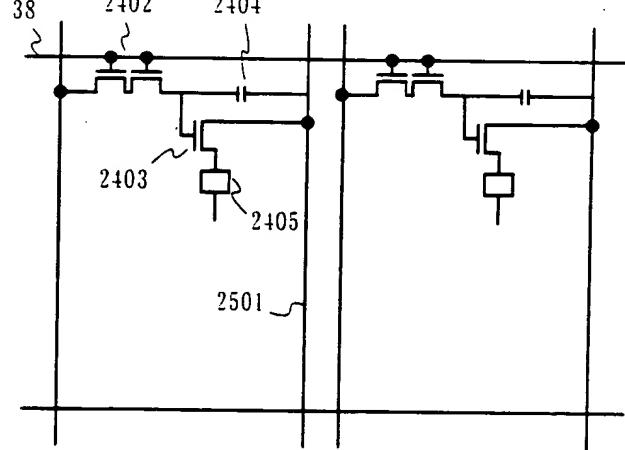


Fig.30B



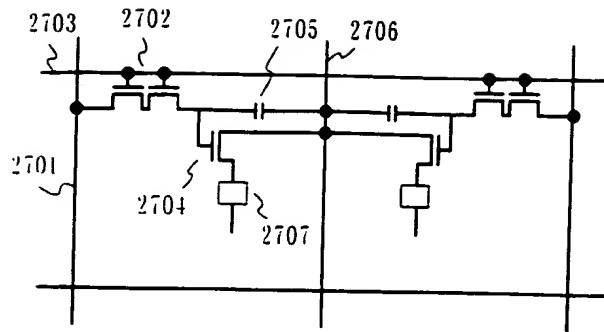


Fig.31A

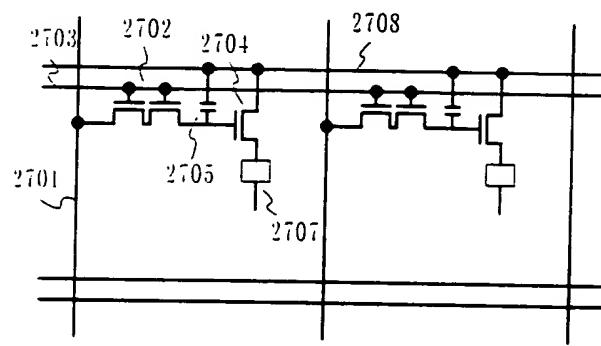


Fig.31B

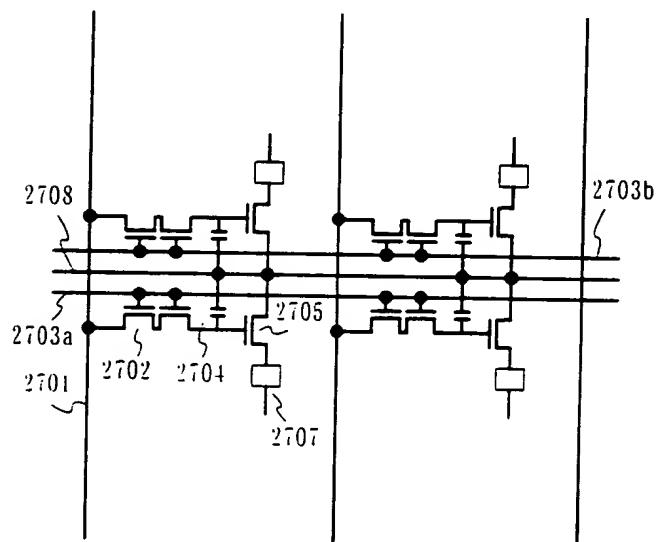


Fig.31C

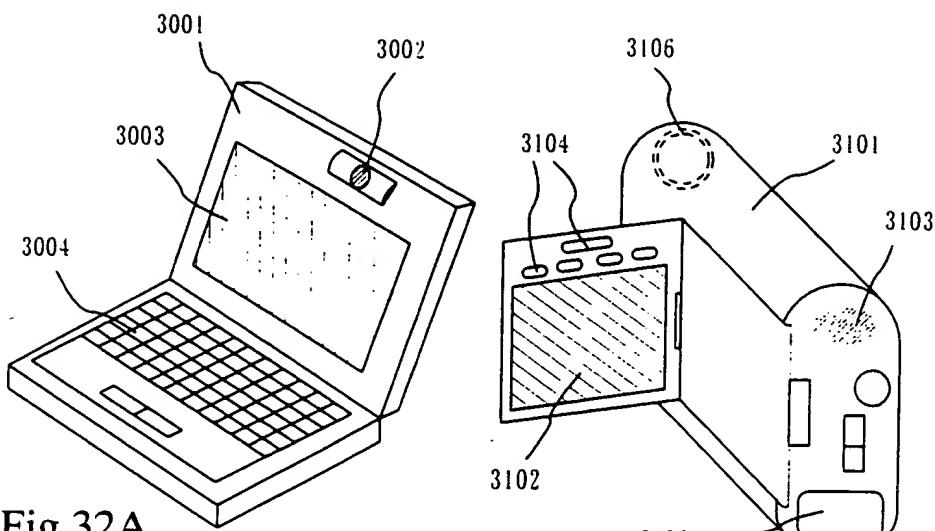


Fig.32A

Fig.32B

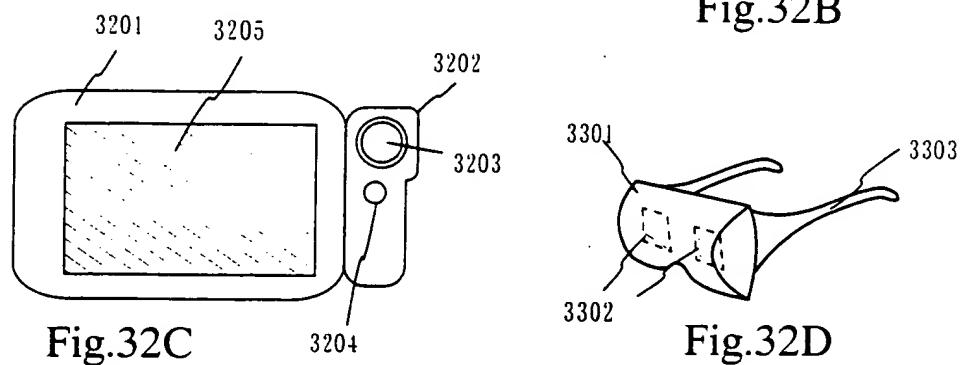


Fig.32C

Fig.32D

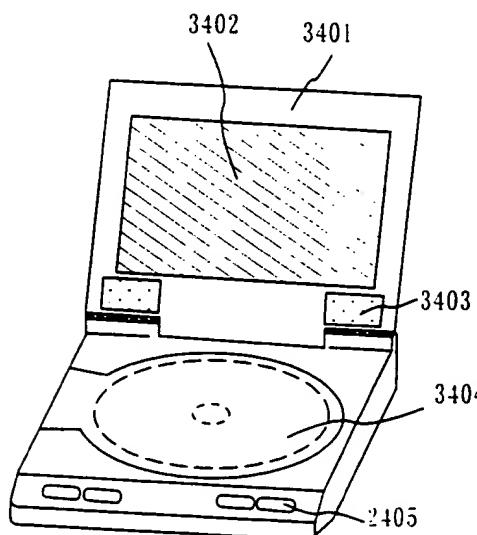


Fig.32E

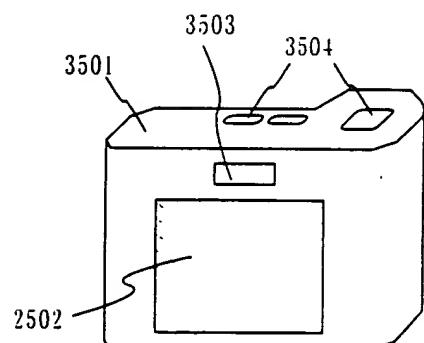


Fig.32F

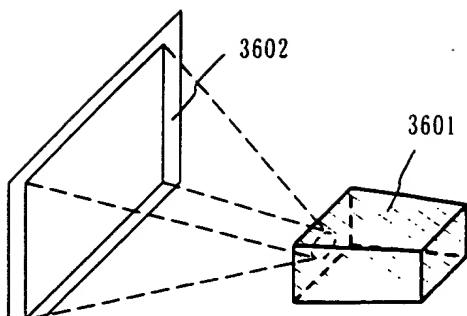


Fig.33A

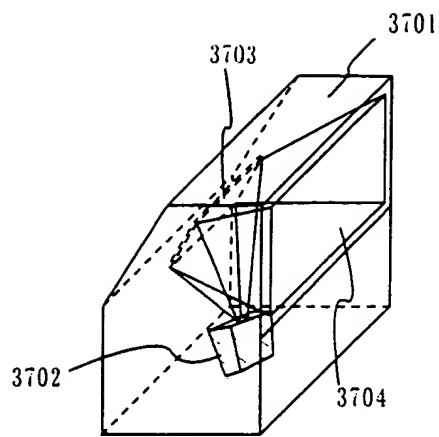


Fig.33B

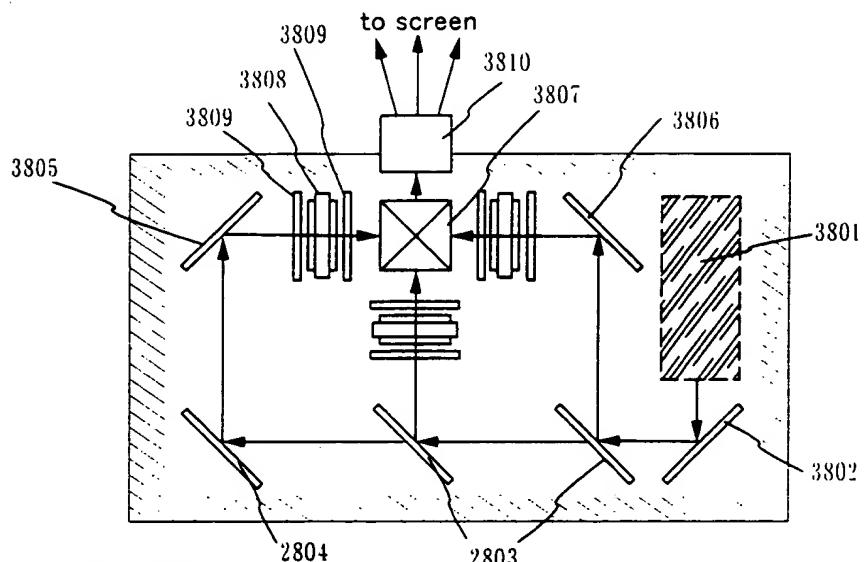


Fig.33C

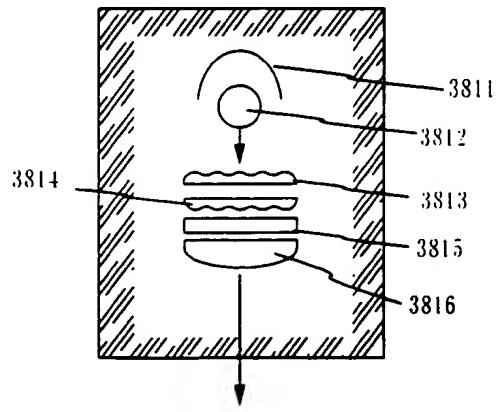


Fig.33D

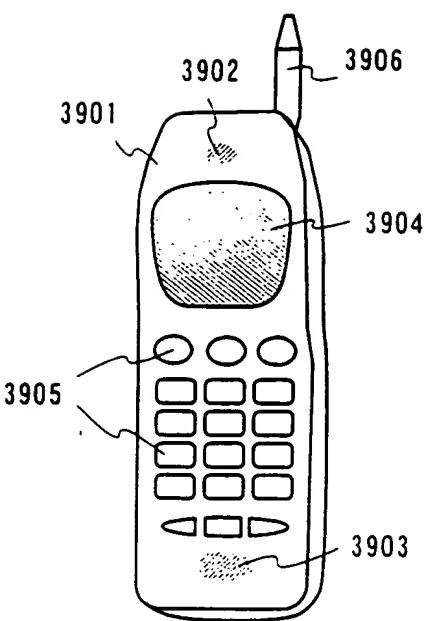


Fig.34A

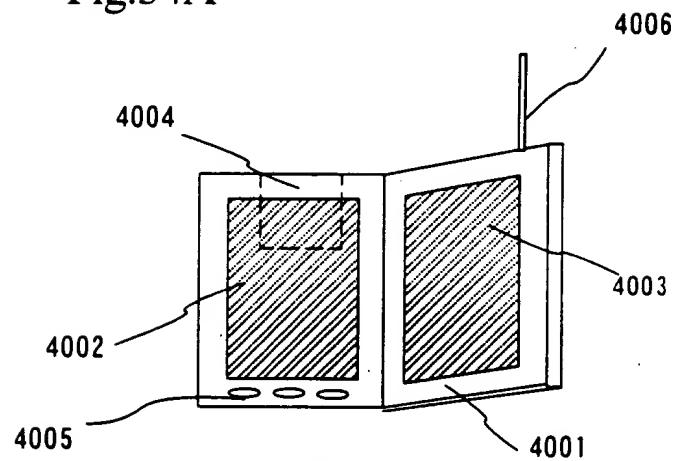


Fig.34B

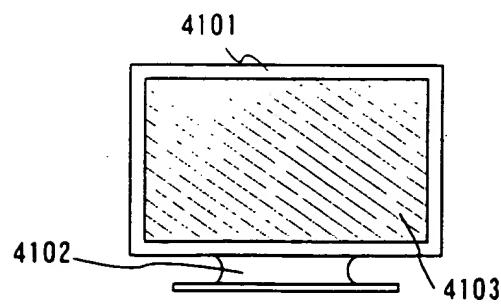


Fig.34C

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Fig.35A

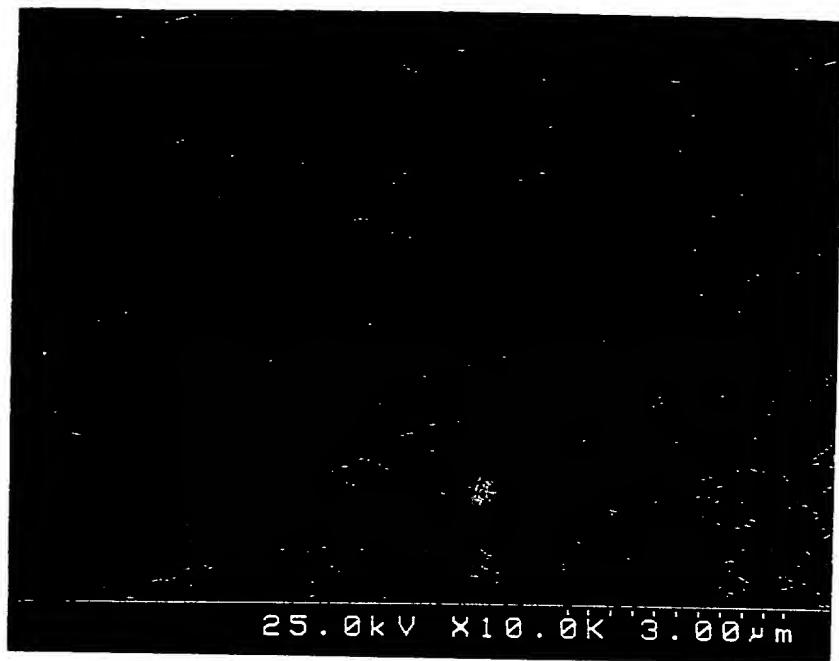


Fig.35B

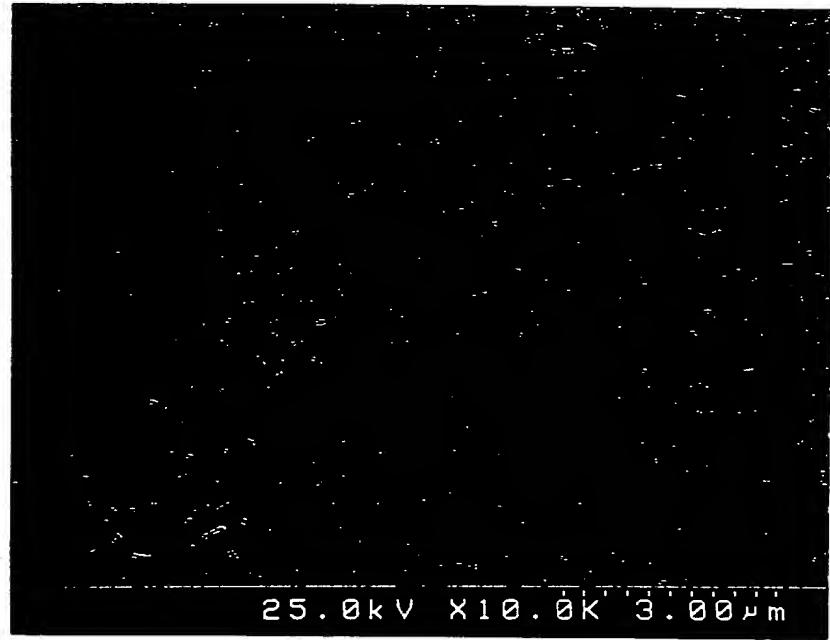


Fig.36A

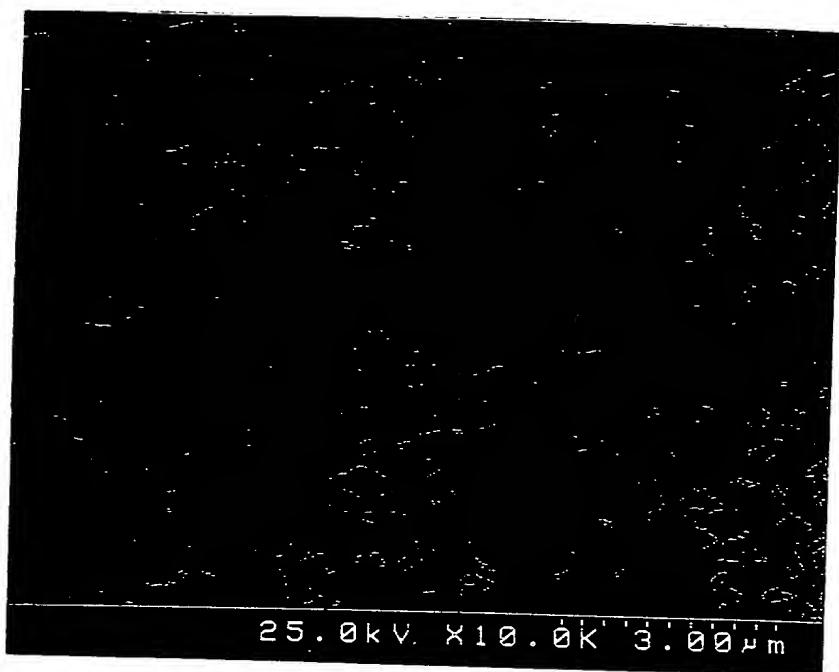


Fig.36B

